| Substitute for Form 1449 A & B/PTO   |                  |                              |                   |                                    |                                  |                                | Complete if Known      |   |   | 1.00                 |
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|  |                  |                              |                   |                                    |                                  |                                |                        | ion Number  | Not yet assigned [1                         | 0/629/6              |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary) |                  |                              |                   |                                    |                                  |                                |                        | ation Number  | Unknown                                     |                      |
|  |                  |                              |                   |                                    |                                  |                                |                        | Filing Date July  |   |                      |
|  |                  |                              |                   |                                    |                                  |                                |                        | First Named Inventor Toshiya Art Unit Unknow  |   |                      |
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| S  | heet             | 1                            |                   | of 1                               |                                  |                                | Attorney               | Docket Number   | Q76701                                      |                      |
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|  |                  | n <sub>o</sub>               | cument Num        |                                    | S. PATE                          | INI DO                         | CUMEN                  | 112   |   |                      |
| Examiner<br>Initials*  | Cite             | Document Nun                 |                   | Kind                               | Publi                            | cation D                       | ate                    | Name of Business and A college of Charles and Charles |   |                      |
|  | No.1             | Number                       |                   | Code <sup>2</sup>                  | MM-                              | MM-DD-YYY                      |                        | Name of Patentee of Applicant of Cited Linco  |   |                      |
| 10x  |                  | US 6,412,90                  | 02                | (if known) B2                      |                                  | /2002                          | MA                     | ISUMOTO et al.  |   |                      |
| 7  |                  | US 2001/00                   |                   | Al                                 | 07/21                            |                                |                        | UDA et al.  |   |                      |
|  |                  | US                           |                   |                                    |                                  |                                |                        |   |   |                      |
|  |                  | US                           |                   |                                    |                                  |                                |                        |   |   |                      |
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| Examiner   | Cite             | Foreign Patent Document      |                   |                                    |                                  |                                |                        | 1   |   | 1                    |
|  |                  |                              | <del></del>       | 1 27                               | nd Code <sup>3</sup>             |                                | ation Date             |   | of Patentee or                              | Translation          |
| Initials*  | No.1             | Country                      | Numbe             | _4 Ki                              | nd Code <sup>5</sup><br>f known) |                                | ation Date             |   | of Patentee or<br>f Cited Document          | Translation          |
| Initials*  |                  |                              | <del></del>       | er <sup>4</sup> Ki                 | f known)                         |                                | DD-YYYY                |   |   | Translation abstract |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe             | er <sup>4</sup> Ki                 | f known)                         | MM-I                           | DD-YYYY                | Applicant o   |   |                      |
|  |                  | Country<br>Code <sup>3</sup> | Numbe<br>11-19835 | 2r <sup>4</sup> Ki<br>(1)<br>58 (A | f known)                         | MM-I                           | /1999                  | Applicant o   |   |                      |
| (A)  | No. <sup>4</sup> | Country<br>Code <sup>3</sup> | Numbe<br>11-19835 | ON PATI                            | ENT LIT                          | MM-I<br>07/27                  | OD-YYYY /1999  TURE DO | Applicant o JAPAN  CUMENTS  | f Cited Document                            | abstract             |
| Examiner   |                  | Country Code <sup>3</sup> JP | Numbe<br>11-19835 | ON PATI                            | ENT LITTLE                       | MM-I 07/27  FERAT S), title of | 'URE DO                | Applicant o  JAPAN  CUMENTS  rben appropriate), title of  |   |                      |
|  | No.4             | Country Code <sup>3</sup> JP | Numbe<br>11-19835 | ON PATI                            | ENT LITTLE                       | MM-I 07/27  FERAT S), title of | 'URE DO                | Applicant o  JAPAN  CUMENTS  rben appropriate), title of  | f Cited Document  the item (book, magazine, | abstract             |
| Examiner   | No.4             | Country Code <sup>3</sup> JP | Numbe<br>11-19835 | ON PATI                            | ENT LITTLE                       | MM-I 07/27  FERAT S), title of | 'URE DO                | Applicant o  JAPAN  CUMENTS  rben appropriate), title of  | f Cited Document  the item (book, magazine, | abstract             |
| Cxaminer (   | No.4             | Country Code <sup>3</sup> JP | Numbe<br>11-19835 | ON PATI                            | ENT LITTLE                       | MM-I 07/27  FERAT S), title of | 'URE DO                | Applicant o  JAPAN  CUMENTS  rben appropriate), title of  | f Cited Document  the item (book, magazine, | abstract             |
| Examiner   | No.4             | Country Code <sup>3</sup> JP | Numbe<br>11-19835 | ON PATI                            | ENT LITTLE                       | MM-I 07/27  FERAT S), title of | 'URE DO                | Applicant o  JAPAN  CUMENTS  rben appropriate), title of  | f Cited Document  the item (book, magazine, | abstract             |

Date Considered

Examiner Signature

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